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(12) United States Patent Surfi et al.

(54) MEDICAL DEVICES WITH DETACHABLE PIVOTABLE JAWS

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(57) ABSTRACT

Medical systems, devices and methods are provided for engaging tissue, e.g. for clipping tissue, closing a perforation or performing hemostasis. Generally, the medical system including a housing, first and second jaws rotatable relative to the housing, a driver, and an elongate drive wire. The elongate drive wire may be disconnected from the driver, first and second jaws, and the housing, which are left in vivo engaged with the tissue.

20 Claims, 9 Drawing Sheets

